

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012203.D
 Acq On : 08 Sep 2019 05:48
 Operator : SY/SP
 Sample : K4650-05
 Misc : 5.63g/5.0mL/MSVOA X/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Sep 08 08:44:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

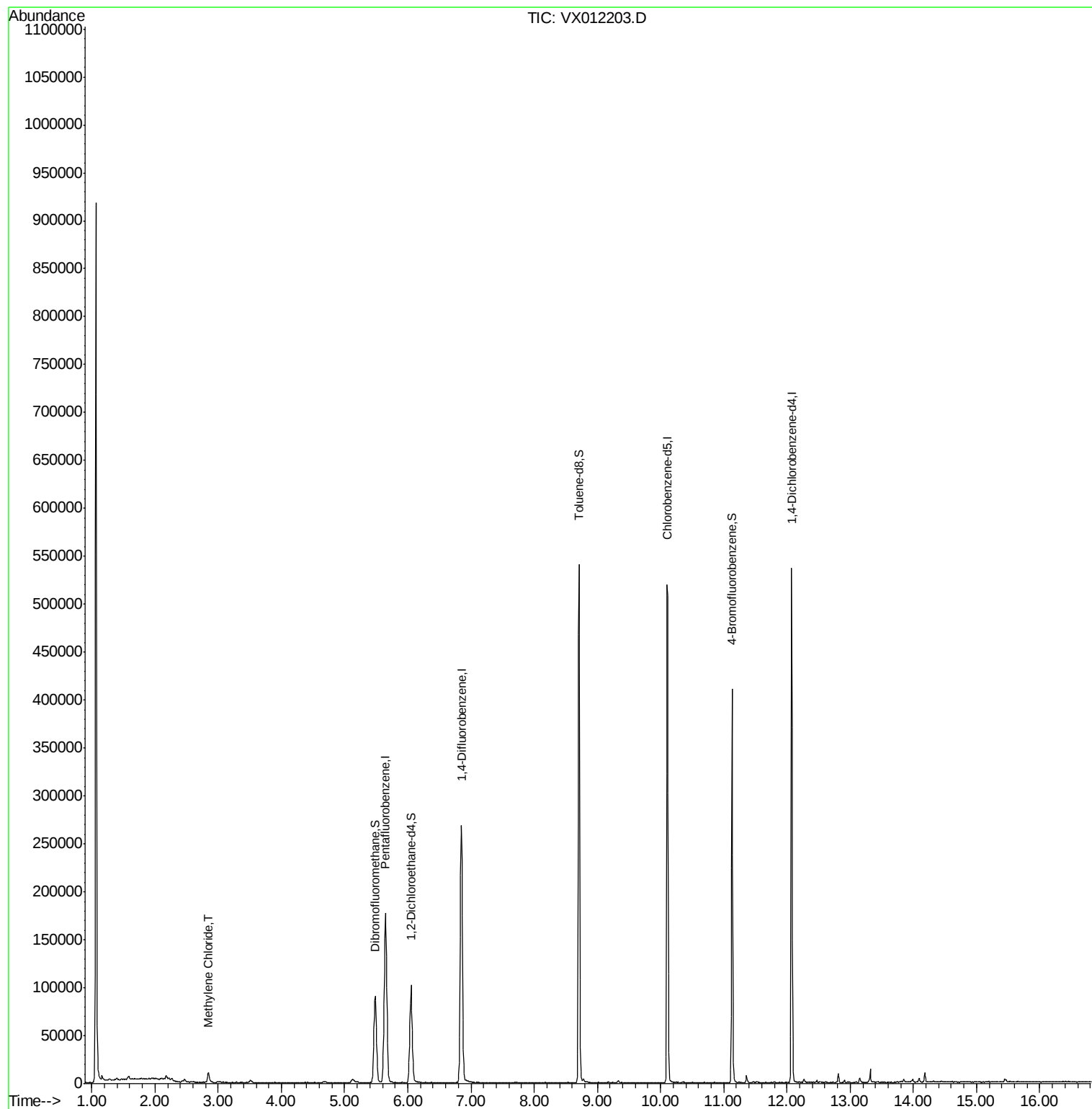
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	255947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	100975	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	5.48	113	76841	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.71	98	302821	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	11.14	95	119019	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
Target Compounds						
20) Methylene Chloride	2.84	84	4939	2.541	ug/l #	85

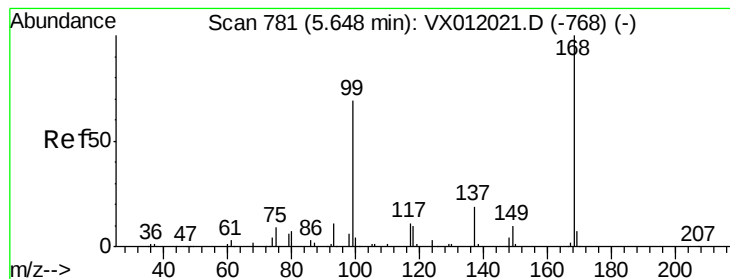
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012203.D

Acq: 08 Sep 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

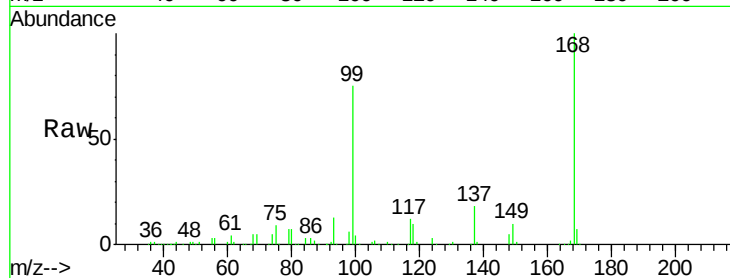
TP-3

Tot Ion:168 Resp: 146780

Ion Ratio Lower Upper

168 100

99 75.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

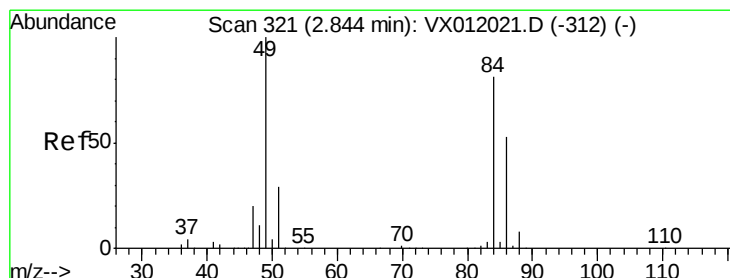
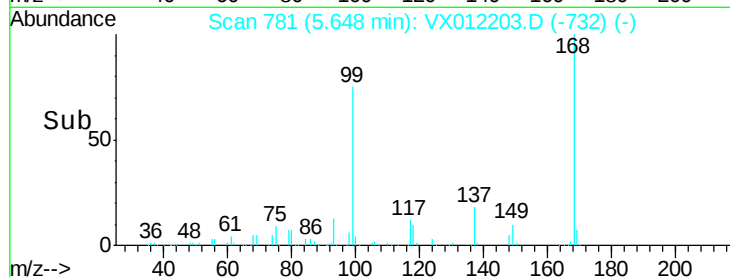
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 2.541 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012203.D

Acq: 08 Sep 2019 05:48

Tgt Ion: 84 Resp: 4939

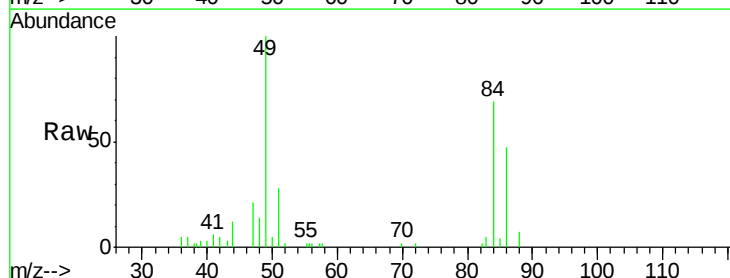
Ion Ratio Lower Upper

84 100

49 145.5 95.8 143.8#

51 37.7 28.6 43.0

86 68.2 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

5000

4000

3000

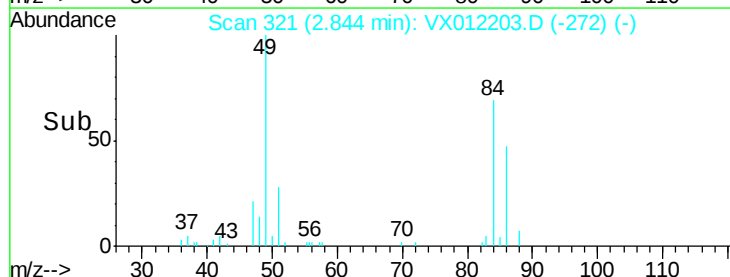
2000

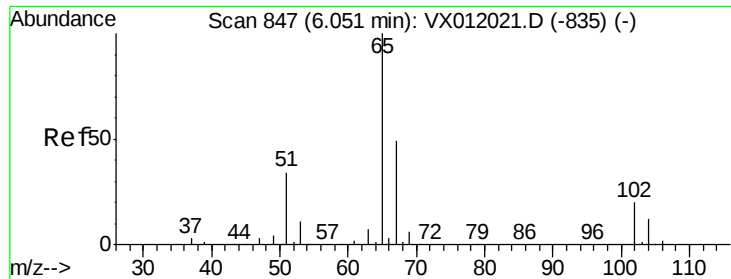
1000

0

Time-->

2.75 2.80 2.85 2.90 2.95

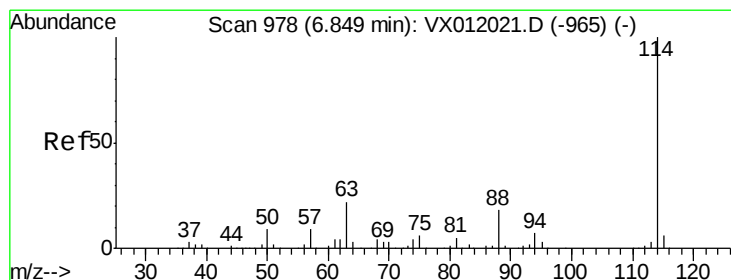
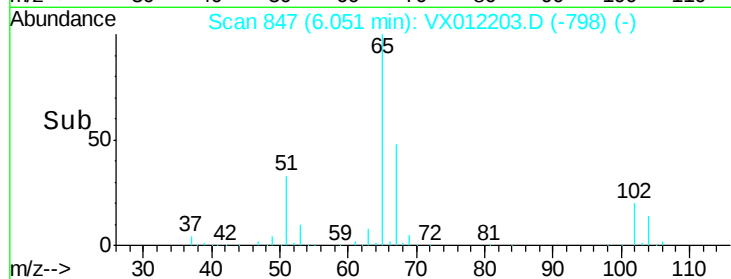
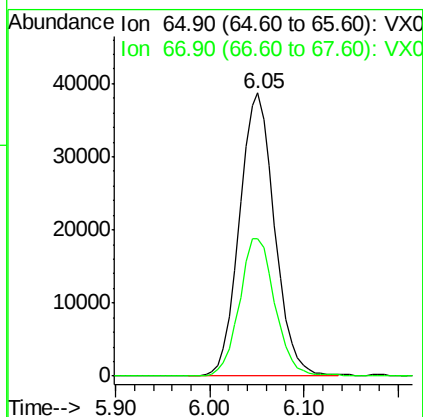
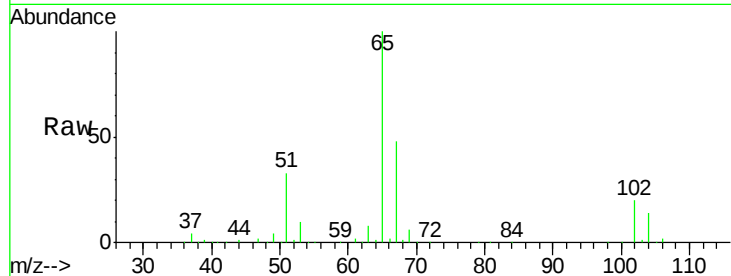




#33
 1,2-Dichloroethane-d4
 Concen: 49.857 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012203.D
 Acq: 08 Sep 2019 05:48

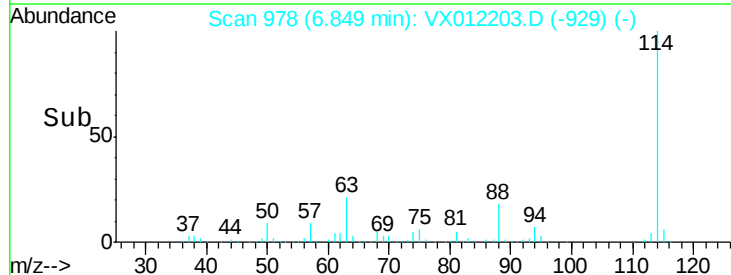
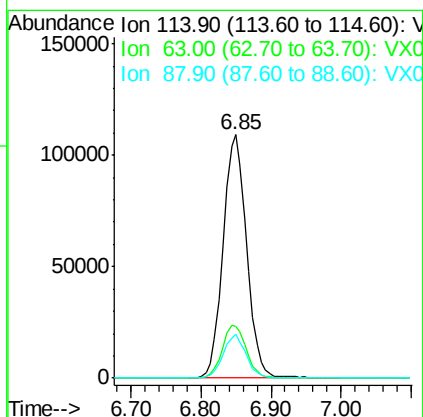
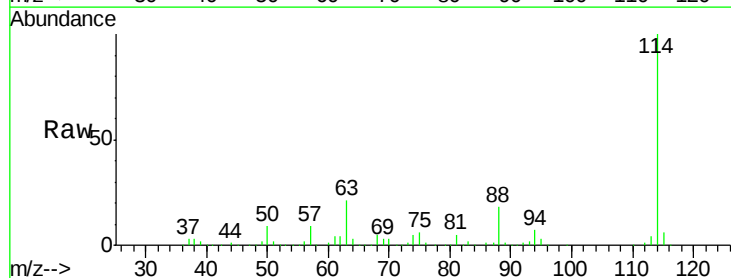
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

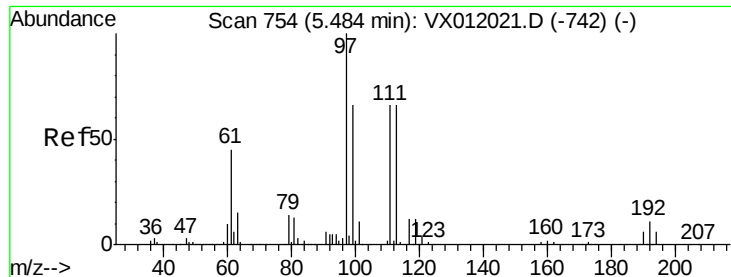
Tot Ion: 65 Resp: 100975
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012203.D
 Acq: 08 Sep 2019 05:48

Tgt Ion: 114 Resp: 255947
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.4
 88 18.0 0.0 29.6

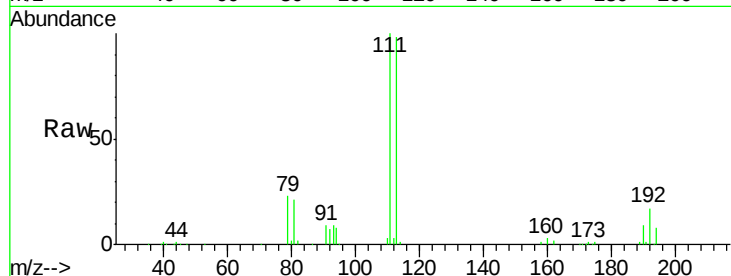




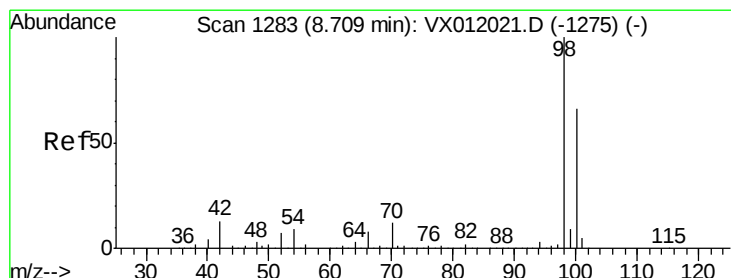
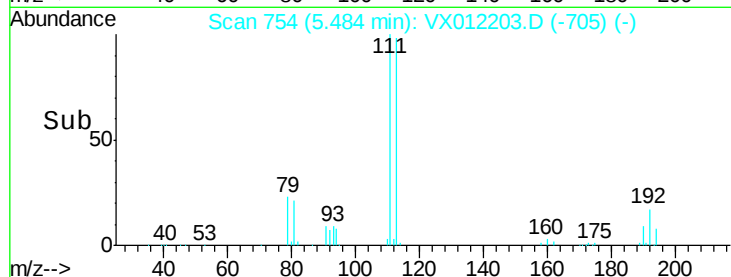
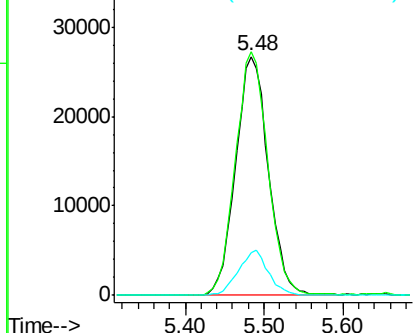
#35
 Dibromofluoromethane
 Concen: 48.819 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012203.D
 Acq: 08 Sep 2019 05:48

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Tot Ion:113 Resp: 76841
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.7 122.5
 192 17.4 22.5 33.7#

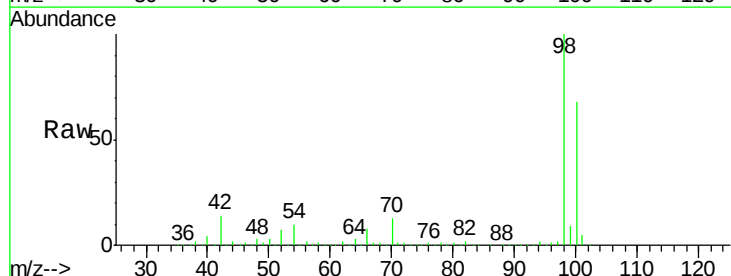


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

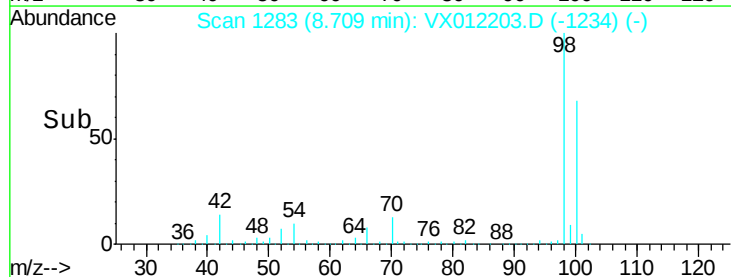
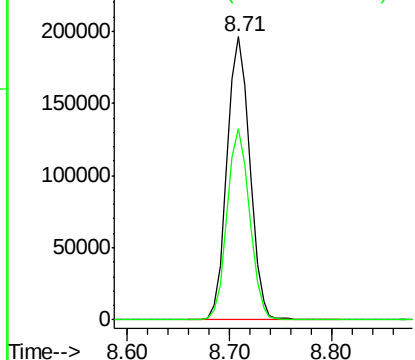


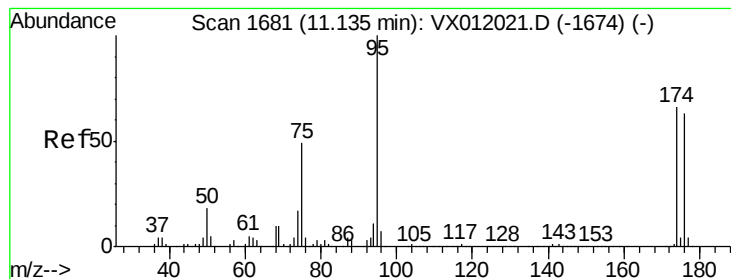
#50
 Toluene-d8
 Concen: 52.429 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012203.D
 Acq: 08 Sep 2019 05:48

Tgt Ion: 98 Resp: 302821
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.309 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012203.D

Acq: 08 Sep 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

TP-3

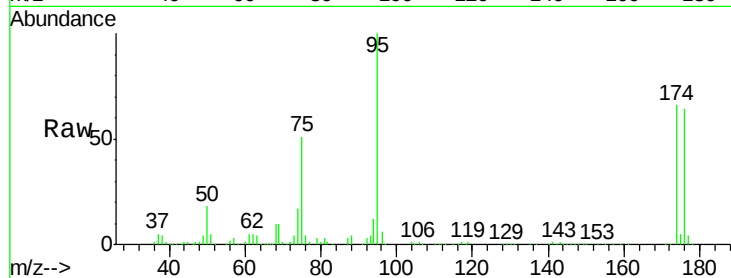
Tot Ion: 95 Resp: 119019

Ion Ratio Lower Upper

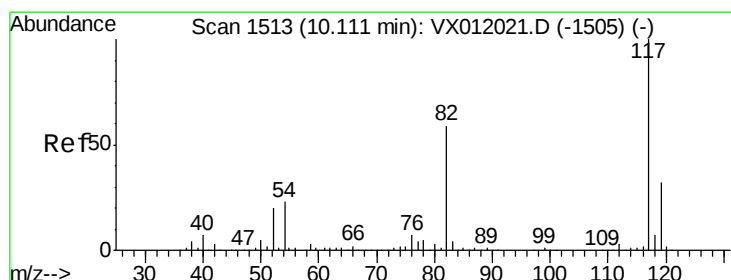
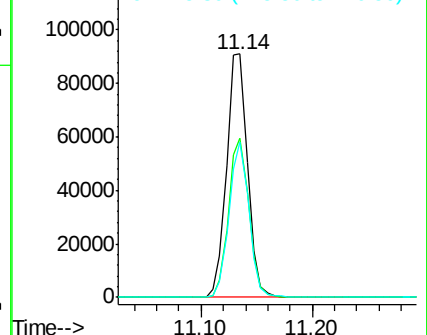
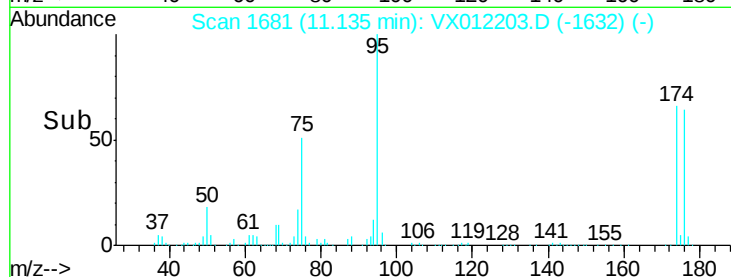
95 100

174 63.6 0.0 205.4

176 60.4 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012203.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012203.D

Acq: 08 Sep 2019 05:48

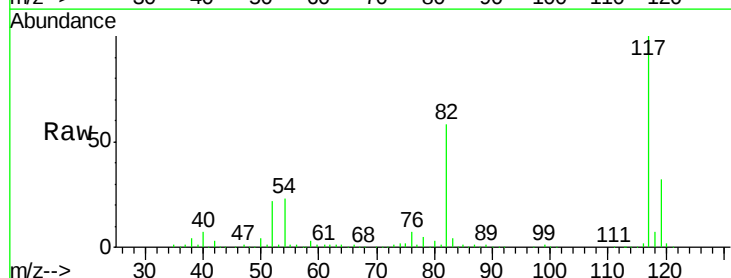
Tgt Ion: 117 Resp: 222515

Ion Ratio Lower Upper

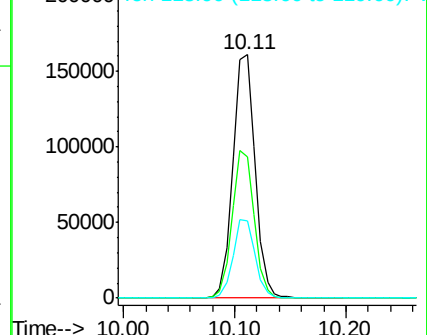
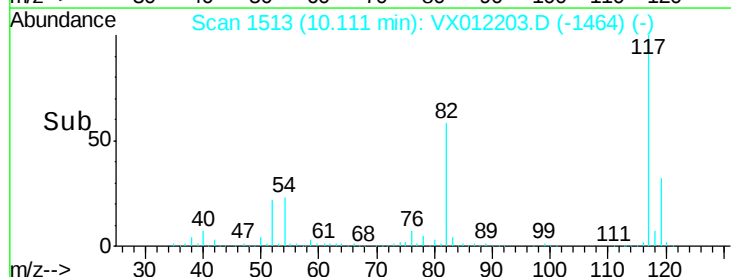
117 100

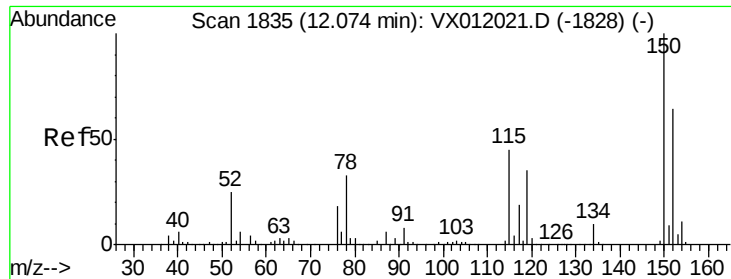
82 58.2 39.4 59.0

119 31.9 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VX012203.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012203.D

Acq: 08 Sep 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

TP-3

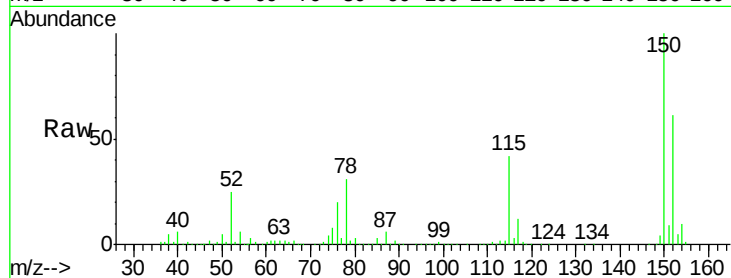
Tot Ion:152 Resp: 97261

Ion Ratio Lower Upper

152 100

115 66.4 36.4 109.3

150 156.5 0.0 341.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

